Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Decimal Computation Study Guide**

**Part 1. Questions 1-4 relate to the table below. CURE each word problem.**

|  |
| --- |
| Old Navy’s Big Sale |
| Item | Scarf |  Dress/ Suit | Pair of Sunglasses | Pair of Gloves |
| Cost | $5.72 | $43.35 | $10.99 | $11.74 |

1. Piper goes to Old Navy and purchases a scarf, two dresses, and a pair of sunglasses. She has $300.00 to spend. What is her total cost? How much money will be leftover from her purchases?

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. How much will 12 dress/suits cost?

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. How many scarfs can you buy for the cost of a dress/suit?

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Kate has $50.00 to purchase gloves. What is the greatest number of gloves she can purchase with the money she has?

Answer: \_\_\_\_\_\_\_\_\_\_

**Part 2: Show all work. Make sure your answer makes sense.**

5. 271 x 0.028 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6. 323.92 $÷$ 5 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. 31.5 $÷$ 0.005 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8. 657 x 1.04 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. 4.326 + 11.7 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10. 23 – 11.2 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part 3 Review**

11. GCF( 24, 28) = \_\_\_\_\_\_\_ 12. LCM ( 4, 6 ) = \_\_\_\_\_\_\_

 13. ( $\frac{1}{6}$ )3 = \_\_\_\_\_\_ 14. 25 = \_\_\_\_\_\_ 15. 1 $\frac{11}{12}$ ÷ $2\frac{3}{4}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_

16. and 17. Evaluate